

Lincoln State 41N-17B-M IFR 0' to 15450' Definitive Survey Geodetic Report

(Def Survey)



Report Date: April 24, 2020 - 04:49 PM
Client: PDC Energy
Field: CO, Weld County (NAD 83 NZ) - 2019
Structure / Slot: PDC Energy 18-06N-66W (Lincoln State 3-18 Pad DSU 59) / Lincoln State 41N-17B-M
Well: Lincoln State 41N-17B-M
Borehole: Original Hole
UWI / API#: Unknown / 05-123-46756
Survey Name: Lincoln State 41N-17B-M IFR 0' to 15450' Definitive
Survey Date: February 17, 2020
Tort / AHD / DDI / ERD Ratio: 196.765 ° / 9050.121 ft / 6.588 / 1.274
Coordinate Reference System: NAD83 Colorado State Plane, Northern Zone, US Feet
Location Lat / Long: N 40° 29' 29.95440", W 104° 49' 24.81600"
Location Grid N/E Y/X: N 1422667.602 ftUS, E 3188139.014 ftUS
CRS Grid Convergence Angle: 0.4371 °
Grid Scale Factor: 0.99996566
Version / Patch: 2.10.787.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 88.100 ° (True North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: KB 20ft
TVD Reference Elevation: 4872.000 ft above MSL
Seabed / Ground Elevation: 4852.000 ft above MSL
Magnetic Declination: 7.608 °
Total Gravity Field Strength: 999.0416mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 52313.000 nT
Magnetic Dip Angle: 66.790 °
Declination Date: April 18, 2020
Magnetic Declination Model: Magvar IFR
North Reference: True North
Grid Convergence Used: 0.0000 °
Total Corr Mag North-True North: 7.6080 °
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	1422667.60	3188139.01	40.491654	-104.823560
Adjusted KB	20.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	1422667.60	3188139.01	40.491654	-104.823560
Begin												
SLB_MWD	151.00	0.31	35.30	151.00	0.21	0.29	0.20	0.24	1422667.89	3188139.22	40.491655	-104.823559
Survey												
	241.00	0.27	320.64	241.00	0.23	0.65	0.21	0.39	1422668.26	3188139.22	40.491656	-104.823559
	334.00	0.93	292.52	333.99	-0.59	1.11	-0.63	0.76	1422668.71	3188138.38	40.491657	-104.823562
	424.00	1.41	281.33	423.97	-2.33	1.61	-2.39	0.59	1422669.19	3188136.62	40.491658	-104.823569
	514.00	1.94	269.56	513.94	-4.93	1.81	-4.99	0.70	1422669.38	3188134.01	40.491659	-104.823578
	604.00	2.21	266.30	603.88	-8.19	1.69	-8.25	0.33	1422669.23	3188130.75	40.491659	-104.823590
	694.00	2.21	261.45	693.81	-11.65	1.32	-11.70	0.21	1422668.83	3188127.31	40.491658	-104.823602
	784.00	2.21	259.29	783.74	-15.09	0.74	-15.12	0.09	1422668.23	3188123.89	40.491656	-104.823614
	874.00	1.59	257.44	873.69	-18.03	0.15	-18.04	0.69	1422667.61	3188120.97	40.491654	-104.823625
	964.00	0.93	248.37	963.67	-19.94	-0.40	-19.94	0.76	1422667.05	3188119.08	40.491653	-104.823632
	1054.00	0.49	244.18	1053.66	-20.98	-0.83	-20.97	0.49	1422666.61	3188118.06	40.491652	-104.823635
	1144.00	0.18	260.40	1143.66	-21.47	-1.02	-21.45	0.36	1422666.41	3188117.57	40.491651	-104.823637
	1234.00	0.13	169.00	1233.66	-21.60	-1.15	-21.57	0.25	1422666.29	3188117.45	40.491651	-104.823638
	1324.00	0.04	123.13	1323.66	-21.56	-1.26	-21.53	0.12	1422666.17	3188117.50	40.491651	-104.823637
	1414.00	0.13	281.55	1413.66	-21.63	-1.26	-21.60	0.19	1422666.18	3188117.43	40.491651	-104.823638
	1504.00	0.04	268.37	1503.66	-21.76	-1.24	-21.73	0.10	1422666.19	3188117.29	40.491651	-104.823638
	1594.00	0.35	225.14	1593.66	-21.99	-1.44	-21.96	0.36	1422666.00	3188117.07	40.491650	-104.823639
	1684.00	0.53	213.42	1683.66	-22.43	-1.98	-22.38	0.22	1422665.45	3188116.65	40.491649	-104.823640
	1714.00	0.40	202.14	1713.66	-22.56	-2.19	-22.50	0.53	1422665.24	3188116.54	40.491648	-104.823641
9 5/8" Casing	1795.00	0.21	185.36	1794.66	-22.69	-2.60	-22.62	0.25	1422664.83	3188116.42	40.491647	-104.823641
	1860.00	0.12	134.81	1859.66	-22.66	-2.77	-22.58	0.25	1422664.66	3188116.46	40.491646	-104.823641
	1953.00	0.09	260.82	1952.66	-22.67	-2.85	-22.58	0.20	1422664.58	3188116.45	40.491646	-104.823641
	2046.00	0.11	136.54	2045.66	-22.68	-2.93	-22.59	0.19	1422664.50	3188116.44	40.491646	-104.823641
	2138.00	0.11	6.46	2137.66	-22.61	-2.90	-22.52	0.22	1422664.53	3188116.51	40.491646	-104.823641
	2231.00	0.08	345.77	2230.66	-22.61	-2.75	-22.53	0.05	1422664.68	3188116.51	40.491646	-104.823641
	2323.00	0.07	273.21	2322.66	-22.68	-2.69	-22.60	0.10	1422664.74	3188116.43	40.491647	-104.823641
	2416.00	0.11	292.50	2415.66	-22.62	-2.65	-22.74	0.05	1422664.78	3188116.30	40.491647	-104.823642
	2508.00	0.09	105.89	2507.66	-22.83	-2.64	-22.75	0.22	1422664.79	3188116.28	40.491647	-104.823642
	2601.00	0.02	232.03	2600.66	-22.77	-2.67	-22.70	0.11	1422664.76	3188116.34	40.491647	-104.823642
	2695.00	0.12	114.53	2694.66	-22.70	-2.72	-22.62	0.14	1422664.71	3188116.42	40.491647	-104.823641
	2788.00	0.03	106.75	2787.65	-22.59	-2.76	-22.51	0.10	1422664.67	3188116.53	40.491646	-104.823641
	2881.00	0.04	234.78	2880.65	-22.59	-2.79	-22.51	0.07	1422664.64	3188116.53	40.491646	-104.823641
	2973.00	0.12	316.27	2972.65	-22.68	-2.74	-22.60	0.13	1422664.69	3188116.43	40.491646	-104.823641
	3066.00	0.12	237.77	3065.65	-22.83	-2.72	-22.75	0.16	1422664.71	3188116.28	40.491647	-104.823642
	3160.00	0.08	22.43	3159.65	-22.89	-2.71	-22.81	0.20	1422664.72	3188116.23	40.491647	-104.823642
	3253.00	0.03	30.88	3252.65	-22.85	-2.63	-22.77	0.05	1422664.80	3188116.26	40.491647	-104.823642
	3346.00	0.04	238.61	3345.65	-22.86	-2.63	-22.79	0.07	1422664.80	3188116.25	40.491647	-104.823642
	3438.00	0.04	331.12	3437.65	-22.91	-2.62	-22.83	0.06	1422664.81	3188116.20	40.491647	-104.823642
	3530.00	0.04	265.18	3529.65	-22.95	-2.59	-22.88	0.05	1422664.84	3188116.16	40.491647	-104.823642
	3623.00	0.13	65.17	3622.65	-22.89	-2.55	-22.82	0.18	1422664.88	3188116.22	40.491647	-104.823642
	3716.00	0.03	232.58	3715.65	-22.81	-2.52	-22.74	0.17	1422664.91	3188116.30	40.491647	-104.823642
	3810.00	0.09	149.09	3809.65	-22.79	-2.60	-22.72	0.10	1422664.83	3188116.31	40.491647	-104.823642
	3902.00	0.04	345.43	3901.65	-22.77	-2.63	-22.69	0.14	1422664.80	3188116.34	40.491647	-104.823642
	3994.00	0.09	355.14	3993.65	-22.78	-2.53	-22.71	0.06	1422664.90	3188116.33	40.491647	-104.823642
	4088.00	0.07	68.36	4087.65	-22.73	-2.43	-22.66	0.10	1422665.00	3188116.38	40.491647	-104.823641
	4181.00	0.07	359.45	4180.65	-22.67	-2.35	-22.61	0.09	1422665.08	3188116.43	40.491648	-104.823641
	4274.00	2.74	195.52	4273.62	-23.34	-4.44	-23.20	3.02	1422662.99	3188115.85	40.491642	-104.823643
	4367.00	4.86	191.94	4366.41	-24.94	-10.43	-24.61	2.29	1422656.98	3188114.48	40.491625	-104.823648
	4460.00	7.60	197.48	4458.85	-27.93	-20.16	-27.27	3.01	1422647.24	3188111.89	40.491599	-104.823658
	4553.00	9.10	200.81	4550.86	-32.81	-32.90	-31.74	1.69	1422634.46	3188107.53	40.491564	-104.823674
	4647.00	10.13	203.19	4643.54	-39.18	-47.45	-37.63	1.17	1422619.87	3188101.75	40.491524	-104.823695
	4740.00	9.77	202.09	4735.14	-45.86	-62.28	-43.82	0.44	1422605.00	3188095.67	40.491483	-104.823718
	4832.00	8.81	193.74	4825.94	-50.93	-76.35	-48.43	1.80	1422590.88	3188091.17	40.491444	-104.823734
	4924.00	10.67	187.44	4916.61	-54.22	-91.64	-51.21	2.33	1422575.57	3188088.51	40.491402	-104.823744
	5017.00	9.84	179.26	5008.13	-55.77	-108.13	-52.22	1.80	1422559.08	3188087.62	40.491357	-104.823748
	5109.00	10.04	186.19	5098.75	-57.06	-123.96	-52.98	1.32	1422543.24	3188086.98	40.491314	-104.823750
	5201.00	10.07	189.96	5189.34	-59.84	-139.86	-55.24	0.72	1422527.33	3188084.85	40.491270	-104.823759
	5295.00	11.60	196.05	5281.67	-64.44	-157.03	-59.27	2.03	1422510.13	3188080.94	40.491223	-104.823773
	5387.00	10.95	196.82	5371.89	-70.10	-174.29	-64.36	0.73	1422492.83	3188075.99	40.491176	-104.823791
	5480.00	10.55	194.52	5463.26	-75.34	-190.98	-69.05	0.63	1422476.10	3188071.43	40.491130	-104.823808
	5573.00	11.26	192.05	5554.58	-79.94	-208.11	-73.08	0.91	1422458.95	3188067.53	40.491083	-104.823823
	5666.00	10.35	189.52	5645.93	-83.78	-225.23	-76.35	1.10	1422441.81	3188064.38	40.491036	-104.823835
	5759.00	11.39	192.88	5737.26	-87.78	-242.42	-79.78	1.31	1422424.59	3188061.08	40.490989	-104.823847
	5852.00	11.12	193.66	5828.47	-92.53	-260.08	-83.95	0.33	1422406.89	3188057.05	40.490940	-104.823862
	5945.00	10.71	199.31	5919.79	-98.06	-276.95	-88.92	1.23	1422389.99	3188052.21	40.490894	-104.823880
	6038.00	11.05	201.00	6011.12	-104.65	-293.43	-94.98	0.50	1422373.47	3188046.28	40.490849	-104.823901
	6130.00	10.35	205.77	6101.52	-111.92	-309.10	-101.73	1.23	1422357.74	3188039.65	40.490806	-104.823926
	6222.00	10.97	199.03	6191.94	-118.89	-324.82	-108.18	1.51	1422341.98	3188033.32	40.490762	-104.823949
	6315.00	10.41	181.73	6283.35	-122.58	-341.59	-111.32	3.49	1422325.18	3188030.31	40.490716	-104.823960
	6408.00	8.84	135.55	6375.17	-118.27	-355.11	-106.56	8.23	1422311.70	3188035.17	40.490679	-104.823943
	6502.00	14.45	118.32	6467.22	-103.24	-365.84	-91.16	6.96	1422301.09	3188050.65	40.490650	-104.823888
	6594.00	18.17	116.97	6555.50	-80.75	-377.80	-68.26	4.06	1422289.31	3188073.64	40.490617	-104.823805
	6686.00	23.87	119.60	6641.35	-52.29	-393.51	-39.27	6.28				

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
	6871.00	37.89	115.43	6800.46	28.95	-436.98	43.46	8.71	1422230.98	3188185.81	40.490455	-104.823404
	6964.00	45.78	110.22	6869.71	85.30	-460.81	100.63	9.26	1422207.59	3188243.15	40.490389	-104.823198
	7056.00	52.47	102.27	6929.94	151.34	-479.99	167.35	9.77	1422188.92	3188310.01	40.490336	-104.822958
	7148.00	54.31	88.11	6984.98	224.32	-486.54	240.58	12.50	1422182.93	3188383.29	40.490319	-104.822695
	7243.00	63.47	87.55	7034.02	305.57	-483.44	321.77	9.66	1422186.65	3188464.45	40.490327	-104.822403
	7335.00	71.86	86.85	7068.95	390.58	-479.27	406.69	9.15	1422191.46	3188549.34	40.490338	-104.822098
	7428.00	83.81	87.24	7088.51	481.31	-474.60	497.32	12.86	1422196.83	3188639.92	40.490351	-104.821772
	7520.00	90.09	92.02	7093.41	573.07	-474.02	589.11	8.57	1422198.11	3188731.71	40.490353	-104.821442
	7613.00	90.27	92.92	7093.11	665.80	-478.03	682.03	0.99	1422194.81	3188824.64	40.490342	-104.821108
	7706.00	90.23	89.79	7092.71	758.64	-480.23	774.99	3.37	1422193.32	3188917.61	40.490336	-104.820774
	7799.00	90.46	90.10	7092.15	851.59	-480.14	867.99	0.42	1422194.12	3189010.61	40.490336	-104.820439
	7891.00	90.29	89.67	7091.55	943.54	-479.95	959.98	0.50	1422195.00	3189102.60	40.490337	-104.820109
	7985.00	90.22	89.96	7091.13	1037.50	-479.65	1053.98	0.32	1422196.02	3189196.59	40.490337	-104.819771
	8078.00	89.97	90.31	7090.97	1130.44	-479.87	1146.98	0.46	1422196.51	3189289.58	40.490337	-104.819436
	8172.00	89.94	90.07	7091.05	1224.38	-480.18	1240.98	0.26	1422196.92	3189383.58	40.490336	-104.819098
	8265.00	89.98	90.22	7091.11	1317.32	-480.42	1333.98	0.17	1422197.39	3189476.57	40.490335	-104.818764
	8358.00	89.43	88.77	7091.59	1410.29	-479.60	1426.97	1.67	1422198.92	3189569.55	40.490337	-104.818430
	8450.00	90.04	88.90	7092.02	1502.28	-477.73	1518.95	0.68	1422201.49	3189661.51	40.490343	-104.818099
	8542.00	89.94	88.82	7092.03	1594.27	-475.89	1610.93	0.14	1422204.03	3189753.47	40.490348	-104.817768
	8635.00	89.74	89.22	7092.29	1687.26	-474.30	1703.92	0.48	1422206.33	3189846.44	40.490352	-104.817434
	8727.00	89.94	88.76	7092.55	1779.25	-472.68	1795.91	0.55	1422208.65	3189938.41	40.490356	-104.817103
	8820.00	90.04	88.12	7092.57	1872.24	-470.15	1888.87	0.70	1422211.89	3190031.35	40.490363	-104.816769
	8912.00	90.40	89.25	7092.21	1964.24	-468.04	1980.84	1.29	1422214.70	3190123.33	40.490369	-104.816438
	9005.00	90.09	91.20	7091.81	2057.17	-468.40	2073.84	2.12	1422215.05	3190216.29	40.490368	-104.816104
	9097.00	89.95	90.83	7091.78	2149.05	-470.03	2165.82	0.43	1422214.12	3190308.28	40.490364	-104.815773
	9190.00	90.10	90.71	7091.74	2241.95	-471.28	2258.81	0.21	1422213.58	3190401.28	40.490360	-104.815439
	9283.00	90.18	91.61	7091.51	2334.81	-473.17	2351.79	0.97	1422212.41	3190494.26	40.490355	-104.815105
	9375.00	90.20	91.76	7091.21	2426.63	-475.87	2443.75	0.16	1422210.40	3190586.24	40.490347	-104.814774
	9468.00	90.05	91.49	7091.01	2519.46	-478.51	2536.72	0.33	1422208.47	3190679.21	40.490340	-104.814440
	9561.00	89.73	89.97	7091.19	2612.36	-479.69	2629.71	1.67	1422208.00	3190772.21	40.490337	-104.814106
	9653.00	89.66	90.29	7091.67	2704.30	-479.90	2721.70	0.36	1422208.49	3190864.20	40.490336	-104.813775
	9746.00	90.24	89.54	7091.76	2797.25	-479.76	2814.70	1.02	1422209.34	3190957.19	40.490337	-104.813441
	9840.00	90.26	90.21	7091.35	2891.20	-479.56	2908.70	0.71	1422210.26	3191051.18	40.490337	-104.813103
	9933.00	89.90	90.10	7091.22	2984.14	-479.81	3001.70	0.40	1422210.72	3191144.18	40.490336	-104.812768
	10025.00	90.00	90.16	7091.30	3076.08	-480.02	3093.70	0.13	1422211.21	3191236.17	40.490336	-104.812438
	10119.00	89.98	89.45	7091.31	3170.04	-479.70	3187.70	0.76	1422212.25	3191330.16	40.490337	-104.812100
	10211.00	89.69	90.34	7091.58	3262.00	-479.53	3279.70	1.02	1422213.12	3191422.15	40.490337	-104.811769
	10303.00	89.83	90.07	7091.96	3353.93	-479.86	3371.70	0.33	1422213.49	3191514.15	40.490336	-104.811438
	10395.00	89.97	89.80	7092.12	3445.88	-479.76	3463.70	0.33	1422214.30	3191606.14	40.490336	-104.811107
	10488.00	90.04	90.43	7092.12	3538.83	-479.94	3556.69	0.68	1422214.82	3191699.14	40.490336	-104.810773
	10583.00	90.00	90.60	7092.08	3633.74	-480.80	3651.69	0.18	1422214.69	3191794.13	40.490334	-104.810431
	10678.00	90.00	89.80	7092.08	3728.68	-481.13	3746.69	0.84	1422215.08	3191889.13	40.490333	-104.810090
	10770.00	90.15	89.24	7091.96	3820.65	-480.36	3838.69	0.63	1422216.56	3191981.11	40.490335	-104.809759
	10864.00	89.92	89.98	7091.90	3914.62	-479.72	3932.68	0.82	1422217.91	3192075.10	40.490336	-104.809421
	10959.00	89.97	89.52	7092.00	4009.58	-479.30	4027.68	0.49	1422219.05	3192170.09	40.490337	-104.809080
	11053.00	89.84	89.89	7092.15	4103.54	-478.82	4121.68	0.42	1422220.25	3192264.08	40.490339	-104.808742
	11145.00	89.80	89.85	7092.44	4195.49	-478.61	4213.68	0.06	1422221.16	3192356.07	40.490339	-104.808411
	11237.00	90.01	89.60	7092.59	4287.46	-478.17	4305.68	0.35	1422222.31	3192448.06	40.490340	-104.808080
	11330.00	90.05	89.82	7092.54	4380.42	-477.70	4398.68	0.24	1422223.49	3192541.05	40.490342	-104.807746
	11424.00	89.81	89.57	7092.66	4474.38	-477.20	4492.68	0.37	1422224.70	3192635.04	40.490343	-104.807408
	11516.00	90.12	88.91	7092.72	4566.37	-475.98	4584.67	0.79	1422226.63	3192727.01	40.490346	-104.807077
	11609.00	90.16	89.95	7092.49	4659.34	-475.05	4677.66	1.12	1422228.26	3192819.99	40.490349	-104.806743
	11701.00	89.62	88.65	7092.66	4751.32	-473.93	4769.65	1.53	1422230.09	3192911.97	40.490352	-104.806412
	11796.00	89.92	87.68	7093.05	4846.31	-470.89	4864.60	1.07	1422233.85	3193006.89	40.490360	-104.806071
	11889.00	89.87	87.26	7093.22	4939.31	-466.78	4957.51	0.45	1422238.67	3193099.76	40.490371	-104.805737
	11981.00	90.04	87.13	7093.29	5031.30	-462.28	5049.40	0.23	1422243.87	3193191.61	40.490384	-104.805406
	12074.00	89.96	87.26	7093.29	5124.28	-457.73	5142.29	0.16	1422249.13	3193284.46	40.490396	-104.805072
	12167.00	89.95	87.51	7093.36	5217.28	-453.49	5235.19	0.27	1422254.08	3193377.32	40.490408	-104.804738
	12260.00	89.84	87.52	7093.53	5310.27	-449.45	5328.10	0.12	1422258.82	3193470.20	40.490419	-104.804404
	12353.00	89.65	86.49	7093.95	5403.25	-444.59	5420.97	1.13	1422264.39	3193563.02	40.490432	-104.804071
	12446.00	90.00	86.42	7094.23	5496.21	-438.84	5513.80	0.38	1422270.85	3193655.80	40.490448	-104.803737
	12539.00	90.10	86.44	7094.15	5589.17	-433.05	5606.61	0.11	1422277.34	3193748.57	40.490464	-104.803403
	12632.00	90.12	86.78	7093.97	5682.14	-427.55	5699.45	0.37	1422283.55	3193841.35	40.490479	-104.803069
	12724.00	90.04	86.23	7093.84	5774.11	-421.94	5791.28	0.60	1422289.86	3193933.13	40.490494	-104.802739
	12819.00	90.08	87.31	7093.74	5869.08	-416.59	5886.13	1.14	1422295.94	3194027.93	40.490509	-104.802398
	12911.00	90.09	87.79	7093.61	5961.08	-412.66	5978.04	0.52	1422300.57	3194119.81	40.490519	-104.802068
	13007.00	89.95	87.32	7093.57	6057.07	-408.56	6073.96	0.51	1422305.40	3194215.69	40.490530	-104.801723
	13101.00	89.74	88.12	7093.83	6151.07	-404.82	6167.88	0.88	1422309.85	3194309.58	40.490541	-104.801385
	13193.00	89.71	88.19	7094.27	6243.07	-401.86	6259.83	0.08	1422313.52	3194401.50	40.490549	-104.801055
	13286.00	89.75	88.27	7094.71	6336.06	-398.99	6352.79	0.10	1422317.10	3194494.43	40.490557	-104.800720
	13379.00	89.92	87.09	7094.97	6429.06	-395.23	6445.71	1.28	1422321.57	3194587.31	40.490567	-104.800386
	13470.00	89.82	87.75	7095.18	6520.05	-391.13	6536.61	0.73	1422326.36	3194678.18	40.490578	-104.800060
	13564.00	89.88	87.27	7095.43	6614.05	-387.05	6630.53	0.51	1422331.16	3194772.06	40.490589	-104.799722
	13656.00	89.86	87.64	7095.64	6706.04	-382.96	6722.43	0.40	1422335.95	3194863.93	40.490600	-104.799391
	13748.00	89.67	87.94	7096.04	6798.04	-379.41	6814.36	0.39	1422340.19	3194955.83	40.490610	-104.799061
	13841.00	89.91	87.56	7096.35	6891.04	-375.76	6907.29	0.48	1422344.55	3195048.72	40.490620	-104.798727
	13934.00	89.71	87.34	7096.66	6984.03	-371.62	7000.20	0.32	1422349.40	3195141.59	40.490631	-104.798393
	14026.00	89.84	87.35	7097.02	7076.02	-367.36	7092.10	0.14	1422354.36	3195233.45	40.490643	-104.798062
	14118.00	89.6										

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
		1	0.000	20.000	1/98.425	13.500	9.625	NAL_MWD_IFR1-Depth Only			Original Hole / Lincoln State 41N-17B-M IFR 0' to 15450' Definitive	
		1	20.000	20.000	Act Stns	13.500	9.625	NAL_MWD_IFR1-Depth Only			Original Hole / Lincoln State 41N-17B-M IFR 0' to 15450' Definitive	
		1	20.000	1795.000	Act Stns	13.500	9.625	NAL_MWD_IFR1			Original Hole / Lincoln State 41N-17B-M IFR 0' to 15450' Definitive	
		1	1795.000	15450.000	Act Stns	8.500	5.500	NAL_MWD_HDGM+MS+SAG			Original Hole / Lincoln State 41N-17B-M IFR 0' to 15450' Definitive	